



Post-Doctoral Research Opportunity Directed Evolution of Cell Penetrating Peptides

We are seeking a highly motivated post-doctoral researcher with experience in molecular biology and cell culture techniques.

The candidate will work on an NSF-funded project to use phage display to find new cell penetrating peptides that can be used for the targeted delivery of therapeutics to brain cells. This position will involve the creation of novel phage display libraries, and the selection of the phage display libraries using complex tissue culture-based models.

The candidate must have a Ph.D. in chemical engineering, biomedical engineering, biochemistry, or a related field. Experience in molecular biology and cell culture is required. Strong written and verbal communication skills are expected. Experience in directed evolution is desired.

The candidate will be co-advised by Dr. Scott Banta in the Department of Chemical Engineering and Dr. Barclay Morrison III in the Department of Biomedical Engineering at Columbia University.

To apply, please send a curriculum vitae and the names of three references via email to: Dr. Scott Banta, sbanta@cheme.columbia.edu.